

**ABSTRACT OF THE DISCLOSURE**

5 A computer system, a computer product and a method in which static storage within an environment comprising a plurality of compilation modules is managed such that compiled cloned copies of called externally resolved (with respect to a compilation unit) items are preferentially executed in favor of the corresponding externally resolved item based on a favorable comparison of version information prior to execution. In one embodiment, Java® methods are processed within the context of a modified framework.